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Included in this comprehensive study of physical facilities is an inventory and utilization study and the projected physical facility needs for the years 1975 and 1980 for twenty-two of the twenty-four colleges and universities in Arkansas. In order to insure uniformity in the data collected, a physical facilities procedure manual was utilized which included the classification system contained in a U.S. Office of Education publication entitled Higher Education Facilities Classification and Inventory Procedures Manual. Student enrollment projections are included. This is the second volume of a two-part report, the first part of which has been announced as ED 028 600. [Not available in hard copy due to marginal legibility of original document]. (FS)

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A STUDY OF PHYSICAL FACILITIES

AT

ARKANSAS COLLEGES AND UNIVERSITIES

Existing Facilities - 1968

Projected Facility Needs - 1975 and 1980

Report Number Two

EF 003 527

Prepared by the

Arkansas Commission on
Coordination of Higher Educational Finance

July, 1969

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

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INTRODUCTION AND SUMMARY OF NEEDS

The preparation of this report concludes a two-year study designed to determine the space requirements for Arkansas colleges and universities for the 1975 and 1980 Fall terms. The results of the first year's activities of the study are contained in Report Number One, and the work completed during this year is reported in this document. In order to avoid duplication of information contained in Report Number One, references are made to that report in this document. Therefore, in order to understand Report Number Two, these two reports should be used as companion documents.

The primary objective of this study is to determine the amount of additional physical facility needs of Arkansas colleges and universities for the 1975 and 1980 Fall terms. Since it is necessary to conduct an inventory and utilization study of existing facilities in order to project future physical facility needs, certain data concerning existing physical facilities will be available to interested groups as a by-product of this study. In this way the study will also provide information on existing facilities which has been requested by the U. S. Office of Education. The State Commission will use these data to verify information contained in applications for grant under Title I of the Higher Education Facilities Act of 1963. Hopefully, the most important use of the results of this study will be made by college and university personnel as they develop future plans for their respective institutions.

While all three parties, the U. S. Office of Education, State Commission and institutions of higher education, involved in this study recognized for some

time a need for a comprehensive study of this nature, such a study was not conducted until funds were made available under Title I, Section 105b of the Higher Education Act of 1963, by which this study was funded.

The comprehensive physical facilities study includes an inventory and utilization study and the projected physical facility needs for the years 1975 and 1980 for twenty-two of the twenty-four colleges and universities in Arkansas. This total includes nine public institutions, two public community junior colleges and eleven of the thirteen private colleges and universities. Only two private institutions with a total student enrollment of 559 did not participate in the study. Student enrollment projections were prepared for all twenty-four colleges and universities.

The collection of uniform and accurate information on existing facilities at the twenty-two schools was stressed in the development of the data collection system. In order to insure uniformity in the data collected, a physical facilities procedures manual was developed, which includes the classification system contained in a U. S. Office of Education publication entitled Higher Education Facilities Classification and Inventory Procedures Manual.

Institutional representatives were appointed by each college president and were designated as the contact person for their respective institutions. These representatives were responsible for providing the requested physical facilities information. Since the success of the study depended very heavily upon their efforts, special acknowledgment and appreciation is expressed to these persons for the work which they performed and for their spirit of cooperation. A list of institutional representatives is presented in Appendix A. The institutional representatives were assisted and instructed in group meetings by members of the

Commission staff in the use of the manual and by visits of the Commission staff to the campuses.

After the data was received by the Commission, it was checked for accuracy and possible ommissions by staff review and by computer programs designed to further check the accuracy of the data. Even though an extra effort was made to provide accurate and useful data, the study still has some unavoidable limitations.

The information presented in this report contains the following limitations and should be viewed in light of these limitations.

1. The space factors employed in projecting the additional physical facilities needed are intended to be used as broad facility planning guides and are less appropriate when applied to the planning of a specific facility, because the mission and the methods used in accomplishing this will vary among the institutions.

2. Some of the space factors are less appropriate when applied to the small institution, because of the level of utilization expected which does not give sufficient emphasis to the fact that minimum quantities of specialized space must be provided, regardless of the student enrollment of the institution.

3. The student enrollment projections will need to be reexamined at future dates to determine if there have been changes in the enrollment patterns among the institutions.

4. The enrollment projections contained in Table 17 for Little Rock University were based on the assumption that this school will continue to operate as a private institution. If Little Rock University

becomes a public institution as a result of legislation enacted by the 1969 Arkansas General Assembly, new student enrollment projections and estimates of physical facilities needed should be prepared for this institution.

These limitations should be considered when viewing the estimates of additional physical facilities needed for the 1975 and 1980 Fall terms contained in Tables 1 and 3. Cost estimates, expressed in 1968 costs, of the additional needed facilities are shown in Tables 2 and 4. Recommendations for long-range planning of physical facility needs are presented in Report Number One on pages 5 and 6.

Table 1
EDUCATIONAL AND GENERAL EXISTING AND NEEDED SQUARE FEET
OF FACILITIES AS OF THE 1968, 1975 AND 1980 FALL TERMS

Institution	Existing - Fall 1968 Square Feet		Additional Needs - 1975 Square Feet		Cumulative Additional Needs - 1980 Square Feet	
	Assignable	Gross	Assignable	Gross	Assignable	Gross
PUBLIC						
Arkansas A M & N College	242,980	328,582	187,095	267,279	294,157	420,224
Arkansas A & M College	196,261	264,470	83,017	118,596	148,484	212,120
Arkansas Polytechnic College	210,975	299,528	146,883	209,833	227,303	324,718
Arkansas State University	437,525	657,042	387,018	552,883	642,107	917,296
ASU - Beebe Branch	33,222	42,080	59,809	85,441	95,083	135,833
Henderson State College	198,340	278,981	209,483	299,261	345,008	492,868
Southern State College	200,546	254,902	143,189	204,556	206,574	295,106
State College of Arkansas	245,869	340,371	238,976	341,394	403,202	576,003
University of Arkansas (Main Campus)	1,083,915	1,516,095	307,999	439,998	528,159	754,513
Univ. of Ark. (Off-campus Agencies) 1/	548,907	857,702	408,538	665,582	647,724	1,088,584
TOTAL - Public	3,398,540	4,839,753	2,172,007	3,184,823	3,537,801	5,217,265
PUBLIC COMMUNITY JUNIOR COLLEGES						
Phillips County Community Junior College	55,235	62,107	57,986	82,837	116,359	166,227
Westark Junior College	89,589	118,148	59,443	84,919	81,701	116,716
TOTAL - Public CJC	144,824	180,255	117,429	167,756	198,060	282,943
PRIVATE						
Arkansas College	68,944	106,927	9,538	13,626	9,538	13,626
College of the Ozarks	83,665	108,235	4,324	6,177	5,637	8,053
Harding College	205,226	277,991	88,359	126,227	195,131	278,759
Hendrix College	121,111	184,830	6,789	9,699	6,789	9,699
John Brown University	123,237	166,771	17,352	24,789	17,353	24,790
Little Rock University	125,151	156,682	112,267	160,381	183,808	262,583
Ouachita Baptist University	155,530	209,319	19,800	28,286	29,231	41,759
Philander Smith College	61,428	90,891	42,309	60,441	65,383	93,404
Central Baptist College	32,931	56,010	9,548	13,640	13,089	18,699
Crowley's Ridge Junior College	14,346	16,546	25,369	36,241	36,730	52,471
Southern Baptist College	76,458	96,647	24,332	34,760	24,332	34,760
TOTAL - Private	1,068,027	1,470,849	359,987	514,267	587,021	838,603
GRAND TOTAL	4,611,391	6,490,857	2,649,423	3,866,846	4,322,882	6,338,811

1/ Includes the Medical Center, the Technology Campus, the Graduate School of Social Work and the Little Rock Division of the School of Law.

Table 2

EDUCATIONAL AND GENERAL
ESTIMATED COST OF ADDITIONAL PHYSICAL FACILITIES
NEEDED BY THE 1975 AND 1980 FALL TERMS

	New Construction 1/	Renovation	Air-Conditioning	Total Cost	Source of Funds: Federal Grants 2/	Source of Funds: Other Funds
1975 Needs						
PUBLIC						
Academic Institutions	$ 73,057,989	$1,727,000	$3,381,609	$ 78,166,598	$ 39,083,299	$39,083,299
Off-Campus Agencies of the University of Arkansas	28,939,413	4,664,873	---	33,604,286	21,156,024	12,448,262
TOTAL - Public	$101,997,402	$6,391,873	$3,381,609	$111,770,884	$ 60,239,323	$51,531,561
PUBLIC COMMUNITY JUNIOR COLLEGES	4,864,924	---	73,092	4,938,016	2,469,008	2,469,008
PRIVATE	14,913,743	513,000	1,848,273	17,275,016	8,637,508	8,637,508
GRAND TOTAL - 1975	$121,776,069	$6,904,873	$5,302,974	$133,983,916	$ 71,345,839	$62,638,077
1980 Needs (Cumulative)						
PUBLIC						
Academic Institutions	$119,731,749	$1,727,000	$3,381,609	$124,840,358	$ 62,420,179	$62,420,179
Off-Campus Agencies of the University of Arkansas	49,803,349	4,664,873	---	54,468,222	34,665,315	19,802,907
TOTAL - Public	$169,535,098	$6,391,873	$3,381,609	$179,308,580	$ 97,085,494	$82,223,086
PUBLIC COMMUNITY JUNIOR COLLEGES	8,205,347	---	73,092	8,278,439	4,139,219	4,139,220
PRIVATE	24,319,487	513,000	1,848,273	26,680,760	13,340,380	13,340,380
GRAND TOTAL - 1980	$202,059,932	$6,904,873	$5,302,974	$214,267,779	$114,565,093	$99,702,686

1/ Cost estimates are expressed in 1968 costs.

2/ Estimates of Federal Grant Funds are based on one-half of the total cost for the Academic Institutions to be provided by the Higher Education Facilities Act of 1963, and sixty-six percent from various Federal Grant Programs for the Medical Center.

Table 3
AUXILIARY ENTERPRISES EXISTING AND NEEDED SQUARE FEET
OF FACILITIES AS OF THE 1968, 1975 AND 1980 FALL TERMS

Institution	Existing - Fall, 1968 Square Feet		Additional Needs - 1975 Square Feet		Cumulative Additional Needs - 1980 Square Feet	
	Assignable	Gross	Assignable	Gross	Assignable	Gross
PUBLIC						
Arkansas A M & N College	264,651	350,699	213,595	319,331	314,639	470,151
Arkansas A & M College	283,025	381,090	96,536	135,510	187,302	265,394
Arkansas Polytechnic College	302,265	449,339	142,338	201,329	274,273	390,642
Arkansas State University	688,525	994,128	374,486	530,825	778,088	1,109,336
ASU - Beebe Branch	35,387	50,537	42,345	63,722	67,988	102,416
Henderson State College	320,573	441,300	183,872	269,121	347,285	510,427
Southern State College	281,420	398,030	97,466	144;440	171,459	254,253
State College of Arkansas	425,875	615,390	220,869	324,422	446,200	654,898
University of Arkansas	1,175,673	1,744,564	364,337	518,200	647,249	927,266
TOTAL - Public	3,777,394	5,425,077	1,735,844	2,506,900	3,234,483	4,684,783
PUBLIC COMMUNITY JUNIOR COLLEGES						
Phillips County	10,044	10,594	9,374	12,863	16,567	22,808
Westark	3,109	4,951	16,906	23,357	21,922	30,291
TOTAL - Public CJC	13,153	15,545	26,280	36,220	38,489	53,099
PRIVATE						
Arkansas College	77,654	104,674	1,109	1,693	1,109	1,693
College of the Ozarks	67,197	100,578	14,735	22,307	30,935	46.993
Harding College	407,472	566,814	255,748	380,713	469,389	695,698
Hendrix College	144,245	210,681	35,888	54,611	35,888	54,611
John Brown University	130,028	174,884	93,071	136,046	93,071	136,046
Little Rock University	16,718	19,458	36,638	50,185	50,922	69,935
Ouachita Baptist University	268,920	396,016	28,578	36,850	42,646	54,591
Philander Smith College	45,964	66,594	33,213	50,472	61,991	93,979
Central Baptist College	57,307	80,810	18,643	28,568	42,091	62,836
Crowley's Ridge Junior College	29,078	42,385	4,567	6,593	23,667	35,510
Southern Baptist College	196,029	232,944	53,018	64,588	53,018	64,588
TOTAL - Private	1,440,612	1,995,838	575,208	832,626	904,727	1,316,480
GRAND TOTAL	5,231,159	7,436,460	2,337,332	3,375,746	4,177,699	6,054,362

Table 4
AUXILIARY ENTERPRISES
ESTIMATED COST OF ADDITIONAL PHYSICAL FACILITIES NEEDED
BY THE 1975 AND 1980 FALL TERMS

	New Construction	Renovation	Total Cost 1/
1975 Needs			
Public	$ 58,887,822	$ 1,121,000	$ 60,008,822
Public Community Junior Colleges	1,099,238	---	1,099,238
Private	19,411,225	45,000	19,456,225
GRAND TOTAL - 1975	$ 79,398,285	$ 1,166,000	$ 80,564,285
1980 Needs (Cumulative)			
Public	$108,499,235	$ 1,121,000	$109,620,235
Public Community Junior Colleges	1,620,038	---	1,620,038
Private	30,706,958	45,000	30,751,958
GRAND TOTAL - 1980	$140,826,231	$ 1,166,000	$141,992,231

1/ Cost estimates are expressed in 1968 costs.

EXISTING FACILITIES

An essential element in determining the additional physical facilities needed is an inventory of existing facilities, which contains an analysis of the quantity and quality of the facilities and the extent to which they are being used. The data contained in the following tables are presented to provide answers to these questions. The amount and condition of facilities which were in use during the 1968 Fall term are presented for all institutions of higher education in Arkansas, except two small private institutions located in Little Rock with a combined enrollment of 559 students. The two institutions which did not participate in the study are Arkansas Baptist College and Shorter College.

The data for the University of Arkansas include only the Fayetteville campus of the University. A summary of the physical facilities available at all branches and agencies of the University of Arkansas is presented in Table 1.

The total gross square footage in all facilities is shown by the structural condition of the buildings by grouping these into facilities which are temporary, permanent and obsolete. Definitions of these terms can be found in Volume One, page 53. The condition of buildings and the purposes for which the facilities are used, as well as other information about existing facilities, are presented for two major categories of space - educational and general (academic) and auxiliary enterprises (non-academic).

The educational and general facilities are grouped by the major functional use of the assignable space such as instruction, research, public service, etc. and by the subject field which they serve such as biological sciences, physical sciences, humanities, etc.

The assignable space devoted to auxiliary enterprises is categorized by the type of enterprise which the space serves such as residential facilities, food facilities, athletics, etc.

The extent to which the facilities were used during the 1968 Fall term is shown for classrooms and teaching laboratories, and a table which shows the amount of assignable square feet by functional use per full-time equivalent student can also be used to measure the utilization of existing facilities.

The extent to which single student dormitories and married student housing are being utilized can be found in Tables 18 and 19. A detailed analysis of both academic and auxiliary enterprise facilities available during the 1967 Fall term is presented in Volume One, pages 42 through 64.

Table 5
GROSS SQUARE FEET OF EXISTING FACILITIES
BY CONDITION OF BUILDING
AS OF THE 1968 FALL TERM

Institution	All Facilities				Educational and General			
	Total	Temporary	Permanent	Obsolete	Total	Temporary	Permanent	Obsolete
PUBLIC								
Arkansas A M & N	679,281	37,042	639,871	2,368	328,582	17,928	308,286	2,368
Arkansas A & M	645,360	55,635	583,409	6,306	264,470	35,645	222,519	6,306
Arkansas Polytechnic	748,867	20,042	675,515	53,310	299,528	20,042	230,876	48,610
Arkansas State Univ.	1,651,170	112,315	1,460,384	78,471	657,042	12,244	566,327	78,471
ASU - Beebe Branch	92,617	651	75,966	16,000	42,080	359	41,338	383
Henderson State	720,281	43,719	676,562	---	278,981	18,165	260,818	---
Southern State	652,938	13,339	569,997	69,596	254,902	10,933	197,453	46,516
State College of Ark.	955,761	39,170	916,591	---	340,371	3,200	337,171	---
Univ. of Arkansas	3,250,539	272,824	2,869,377	118,458	1,516,095	246,736	1,159,656	109,703
TOTAL - Public	9,407,128	594,947	8,467,672	344,509	3,982,051	365,250	3,324,444	292,357
PUBLIC COMMUNITY JUNIOR COLLEGES								
Phillips County	72,701	---	72,701	---	62,107	---	62,107	---
Westark	123,099	---	123,099	---	118,148	---	118,148	---
TOTAL - Public CJC	195,800	---	195,800	---	180,255	---	180,255	---
PRIVATE								
Arkansas College	211,601	---	197,708	13,893	106,927	---	93,034	13,893
College of the Ozarks	208,813	16,019	192,794	---	108,235	16,019	92,216	---
Harding College	844,805	24,423	820,382	---	277,991	15,523	262,468	---
Hendrix College	395,511	---	395,511	---	184,830	---	184,830	---
John Brown Univ.	341,655	64,495	277,160	---	166,771	38,551	128,220	---
Little Rock University	176,140	8,837	167,303	---	156,682	8,837	147,845	---
Ouachita Baptist Univ.	605,335	17,851	567,641	19,843	209,319	7,440	201,879	---
Philander Smith	157,485	19,545	137,940	---	90,891	12,179	78,712	---
Central Baptist	136,820	---	136,820	---	56,010	---	56,010	---
Crowley's Ridge	58,931	18,567	40,364	---	16,546	11,426	5,120	---
Southern Baptist	329,591	35,740	203,791	90,060	96,647	28,084	68,563	---
TOTAL - Private	3,466,687	205,477	3,137,414	123,796	1,470,849	138,059	1,318,897	13,893
GRAND TOTAL	13,069,615	800,424	11,800,886	468,305	5,633,155	503,309	4,823,596	306,250

Table 6
AIR-CONDITIONED GROSS SQUARE FEET
OF EXISTING FACILITIES
AS OF THE 1968 FALL TERM

Institution	All Facilities			Educational and General		
	Total	Air-Conditioned	Non-Air-Conditioned	Total	Air-Conditioned	Non-Air-Conditioned
PUBLIC						
Arkansas A M & N	679,281	188,135	491,146	328,582	171,946	156,636
Arkansas A & M	645,560	252,204	393,356	264,470	152,647	111,823
Arkansas Polytechnic	748,867	398,882	349,985	299,528	136,154	163,374
Arkansas State Univ.	1,651,170	1,012,327	638,843	657,042	390,569	266,473
ASU - Beebe Branch	92,617	7,617	85,000	42,080	2,702	39,378
Henderson State	720,281	570,992	149,289	278,981	200,031	78,950
Southern State	652,932	274,669	378,263	254,902	79,765	175,137
State College of Ark.	955,761	735,975	219,786	340,371	252,172	88,199
Univ. of Arkansas	3,260,659	455,916	2,804,743	1,516,095	289,796	1,226,299
TOTAL - Public	9,407,128	3,896,717	5,510,411	3,982,051	1,675,782	2,306,269
PUBLIC COMMUNITY JUNIOR COLLEGES						
Phillips County	72,701	51,388	21,313	62,107	44,433	17,674
Westark	123,099	72,623	50,476	118,148	73,365	44,783
TOTAL - Public CJC	195,800	124,011	71,789	180,255	117,798	62,457
PRIVATE						
Arkansas College	211,601	116,804	94,797	106,927	86,021	20,906
College of the Ozarks	208,813	57,609	151,204	108,235	17,258	90,977
Harding College	844,805	413,665	431,140	277,991	191,270	86,721
Hendrix College	395,511	254,493	141,018	184,830	146,274	38,556
John Brown Univ.	341,655	61,711	279,944	166,771	33,988	132,783
Little Rock Univ.	176,140	147,435	28,705	156,682	131,748	24,934
Ouachita Baptist Univ.	605,335	286,274	319,061	209,319	66,812	142,507
Philander Smith	157,485	5,250	152,235	90,891	1,542	89,349
Central Baptist	136,820	24,759	112,061	56,010	15,124	40,886
Crowley's Ridge	58,931	35,928	23,003	16,546	8,923	7,623
Southern Baptist	329,591	86,459	243,132	96,647	25,379	71,268
TOTAL - Private	3,466,687	1,490,387	1,976,300	1,470,849	724,339	746,510
GRAND TOTAL	13,069,615	5,511,115	7,558,500	5,633,155	2,517,919	3,115,236

Table 7
EDUCATIONAL AND GENERAL ASSIGNABLE SQUARE FEET
BY FUNCTION AS OF THE 1968 FALL TERM

Institution	Instruction						Research	Public Service	Library	Farm Facilities	Administration & General	Physical Plant Service	Total Assignable
	Classrooms	Teaching Labs	P. E. Labs	Faculty Offices	Other Instr. Space	Total Instr.							
PUBLIC													
Arkansas A M & N	48,596	34,683	12,594	15,172	30,573	141,618	---	---	34,476	46,311	9,379	11,196	242,980
Arkansas A & M	36,889	32,236	24,026	11,855	16,988	121,994	934	---	24,564	23,336	8,015	17,418	196,261
Arkansas Polytechnic	40,803	31,289	13,328	16,419	33,472	135,311	200	527	22,078	14,445	9,474	28,940	210,975
Arkansas State Univ.	76,769	56,295	25,796	30,826	77,345	267,031	8,770	12,207	31,996	40,329	15,102	62,090	437,525
ASU - Beebe Branch	6,039	5,627	7,170	1,533	2,236	22,605	---	---	1,502	3,930	1,401	3,784	33,222
Henderson State	47,165	28,819	18,897	15,500	9,061	149,442	---	---	28,835	---	7,898	12,165	198,340
Southern State	23,545	27,253	22,990	18,202	20,936	112,926	420	---	9,041	55,807	5,261	17,091	200,546
State College of Ark.	52,198	35,944	10,483	22,977	50,172	171,774	643	13,168	38,329	---	12,643	9,312	245,869
Univ. of Arkansas	119,343	123,518	34,937	98,657	143,820	520,275	146,585	27,263	65,711	198,577	36,968	88,536	1,083,915
TOTAL - Public	451,347	375,664	170,221	231,141	414,603	1,642,976	157,552	53,165	256,532	382,735	106,141	250,532	2,849,633
PUBLIC COMMUNITY JUNIOR COLLEGES													
Phillips County	10,178	16,218	7,370	2,520	6,362	42,648	---	---	8,658	---	3,929	---	55,235
Westark	26,464	24,704	11,802	4,484	8,243	75,697	---	---	6,839	---	5,345	1,708	89,589
TOTAL - Public CJC	36,642	40,922	19,172	7,004	14,605	118,345	---	---	15,497	---	9,274	1,708	144,824
PRIVATE													
Arkansas College	12,067	6,531	---	4,327	14,849	37,774	---	1,675	20,545	---	8,420	530	68,944
College of the Ozarks	15,626	6,105	8,316	3,515	21,370	54,932	1,200	---	12,891	---	4,268	10,374	83,665
Harding College	32,875	25,569	18,646	16,555	42,442	136,087	5,993	5,577	18,995	---	12,067	26,507	205,226
Hendrix College	13,254	16,082	11,201	8,197	38,864	87,598	---	---	23,226	---	3,783	6,504	121,111
John Brown Univ.	15,796	18,165	16,890	5,423	34,823	91,097	---	9,031	10,819	---	6,691	5,599	123,237
Little Rock Univ.	29,097	21,675	15,109	7,067	20,567	93,515	102	---	16,654	---	6,813	8,067	125,151
Ouachita Baptist Univ.	37,099	12,076	27,845	23,059	25,913	125,992	1,336	---	19,407	---	5,876	2,919	155,530
Philander Smith	8,092	11,092	6,171	3,324	11,530	40,209	---	630	10,148	---	5,840	4,601	61,428
Central Baptist	6,242	2,814	10,000	2,902	1,112	23,070	---	3,650	2,382	---	2,609	1,220	32,931
Crowley's Ridge	2,732	1,584	---	182	794	5,292	---	---	1,162	---	1,387	6,505	14,346
Southern Baptist	14,803	6,198	7,680	3,266	1,793	33,740	---	---	8,090	---	7,921	26,707	76,458
TOTAL - Private	187,683	127,891	121,858	77,817	214,057	729,306	8,631	20,563	144,319	---	65,675	99,533	1,068,027
GRAND TOTAL	675,672	544,477	311,251	315,962	643,265	2,490,627	166,183	73,728	416,348	382,735	181,090	351,773	4,062,484

Table 8

EDUCATIONAL AND GENERAL ASSIGNABLE SQUARE FEET
PER FULL-TIME EQUIVALENT STUDENT BY FUNCTION
AS OF THE 1968 FALL TERM

Institution	Instruction						Research	Public Service	Library	Farm Facilities	Administration & General	Physical Plant Service	Total Assignable
	Classrooms	Teaching Labs	P.E. Labs	Faculty Offices	Other Instr. Space	Total Instr.							
PUBLIC													
Arkansas A M & N	13.7	9.8	3.6	4.3	8.6	40.0	---	---	9.7	13.1	2.6	3.2	68.6
Arkansas A & M	19.7	17.2	12.8	6.3	9.0	65.0	.5	---	13.1	12.4	4.3	9.3	104.6
Arkansas Polytechnic	16.3	12.5	5.3	6.5	13.3	53.9	.1	.2	8.8	5.8	3.8	11.5	84.1
Arkansas State Univ.	13.2	9.6	4.4	5.3	13.3	45.8	1.5	2.1	5.5	6.9	2.6	10.6	75.0
ASU - Beebe Branch	9.3	8.6	11.0	2.4	3.4	34.7	---	---	2.3	6.0	2.1	5.8	50.9
Henderson State	14.6	8.9	5.9	4.8	12.1	46.3	---	---	8.9	---	2.4	3.8	61.4
Southern State	10.8	12.5	10.5	8.3	9.6	51.7	.2	---	4.1	25.5	2.4	7.8	91.7
State College of Ark.	13.1	9.1	2.6	5.8	12.6	43.2	.2	3.3	9.6	---	3.2	2.3	61.8
Univ. of Arkansas	12.0	12.5	3.5	10.0	14.5	52.5	14.8	2.8	6.6	20.0	3.7	8.9	109.3
AVERAGE - Public	13.4	11.1	5.0	6.9	12.3	48.7	4.7	1.6	7.6	11.4	3.1	7.4	84.5
PUBLIC COMMUNITY JUNIOR COLLEGES													
Phillips County	35.3	56.3	25.6	8.8	22.1	148.1	---	---	30.1	---	13.6	---	191.8
Westark	23.5	22.0	10.5	4.0	7.3	67.3	---	---	6.1	---	4.8	1.5	79.7
AVERAGE - Public CJC	25.9	29.0	13.6	5.0	10.3	83.8	---	---	11.0	---	6.6	1.2	102.6
PRIVATE													
Arkansas College	36.9	20.0	---	13.2	45.4	115.5	---	5.1	62.8	---	25.8	1.6	210.8
College of the Ozarks	28.5	11.1	15.1	6.4	38.9	100.0	2.2	---	23.5	---	7.8	18.9	152.4
Harding College	16.5	12.9	9.4	8.3	21.4	68.5	3.0	2.8	9.6	---	6.1	13.3	103.3
Hendrix College	14.8	17.9	12.5	9.1	43.3	97.6	---	---	25.9	---	4.2	7.3	135.0
John Brown Univ.	20.3	23.3	21.7	6.9	44.7	116.9	---	11.6	13.9	---	8.6	7.2	158.2
Little Rock Univ.	13.6	10.1	7.1	3.3	9.6	43.7	.1	---	7.8	---	3.2	3.8	58.6
Ouachita Baptist Univ.	27.2	8.8	20.4	16.9	19.0	92.3	1.0	---	14.2	---	4.3	2.1	113.9
Philander Smith	13.9	19.0	10.6	5.7	19.8	69.0	---	1.1	17.4	---	10.0	7.9	105.4
Central Baptist	36.9	16.6	59.2	17.2	6.6	136.5	---	21.6	14.1	---	15.4	7.2	194.8
Crowley's Ridge	14.9	8.6	---	1.0	4.3	28.8	---	---	6.3	---	7.5	35.4	78.0
Southern Baptist	22.8	9.6	11.8	5.0	2.8	52.0	---	---	12.5	---	12.2	41.1	117.8
AVERAGE - Private	19.5	13.3	12.7	8.1	22.2	75.8	.9	2.1	15.0	---	6.8	10.4	111.0
AVERAGE - All Institutions	15.1	12.2	6.9	7.1	14.4	55.7	3.7	1.6	9.3	8.6	4.0	7.9	90.8

Table 9

ASSIGNABLE SQUARE FEET OF INSTRUCTIONAL SPACE
BY SUBJECT FIELD AS OF THE 1968 FALL TERM

Institution	General or Unclassified[1/]	Biological Sciences	Agricultural Sciences	Health Sciences	Other Life Sciences	Math, Computer & Engr. Sciences	Physical Sciences	Behavioral Sciences	Humanities	Professions	Technical/ Vocational	Phys. Educ. and Military Sci.	Total Assignable
PUBLIC													
Arkansas A M & N	59,398	11,970	7,398	---	---	324	---	2,781	3,841	7,738	24,461	23,707	141,618
Arkansas A & M	38,596	8,092	4,767	---	---	7,944	13,068	2,985	11,984	7,776	---	26,782	121,994
Arkansas Polytechnic	46,672	8,560	---	---	---	3,303	17,467	3,380	15,920	10,853	---	29,156	135,311
Arkansas State Univ.	94,461	14,743	7,762	765	---	15,125	24,081	3,583	38,310	16,080	---	42,265	257,175
ASU - Beebe Branch	6,165	2,465	---	---	---	2,741	---	529	1,800	851	---	8,054	22,605
Henderson State	49,364	8,003	---	---	---	424	12,921	3,378	21,627	12,776	---	27,088	135,581
Southern State	25,173	4,438	4,577	---	---	7,776	8,957	2,840	20,819	7,747	---	30,599	112,926
State College of Ark.	67,447	15,153	---	---	---	9,563	13,861	6,247	22,360	13,803	---	18,551	166,985
Univ. of Arkansas	141,226	21,833	20,903	---	---	62,972	38,558	27,484	69,681	72,334	---	61,598	516,589
TOTAL - Public	528,502	95,257	45,407	765	---	110,172	128,913	53,207	206,342	149,958	24,461	267,800	1,610,784
PUBLIC COMMUNITY JUNIOR COLLEGES													
Phillips County	10,812	1,441	---	2,560	---	160	2,920	408	3,312	2,131	7,573	11,331	42,648
Westark	28,422	2,793	---	---	---	174	3,744	1,039	5,212	3,312	17,809	13,192	75,697
TOTAL - Public CJC	39,234	4,234	---	2,560	---	334	6,664	1,447	8,524	5,443	25,382	24,523	118,345
PRIVATE													
Arkansas College	18,241	4,880	---	---	---	2,923	644	886	3,138	---	---	132	30,844
College of the Ozarks	18,331	829	---	---	---	800	2,847	120	14,205	630	---	9,898	47,660
Harding College	52,548	7,359	---	---	---	90	12,964	2,319	18,299	13,962	---	23,321	130,862
Hendrix College	23,965	12,350	---	---	---	681	13,450	1,118	18,907	600	---	16,527	87,598
John Brown Univ.	19,191	2,527	---	---	---	7,863	4,622	609	9,548	5,385	2,993	21,118	73,856
Little Rock Univ.	29,848	13,678	---	---	---	1,302	7,345	1,369	17,865	737	---	15,391	87,535
Ouachita Baptist Univ.	37,254	3,629	---	---	---	1,015	8,624	3,104	20,857	5,904	---	34,730	115,117
Philander Smith	9,592	1,934	---	---	---	359	3,576	1,186	5,577	2,502	---	7,063	31,789
Central Baptist	6,966	1,384	---	---	---	584	1,163	270	735	826	---	11,142	23,070
Crowley's Ridge	3,020	804	---	---	---	---	880	82	---	---	---	506	5,292
Southern Baptist	15,543	1,930	---	---	---	---	2,932	503	4,759	110	---	7,963	33,740
TOTAL - Private	234,499	51,304	---	---	---	15,617	59,047	11,566	113,890	30,656	2,993	147,791	667,363
GRAND TOTAL	802,235	150,795	45,407	3,325	---	126,123	194,624	66,220	328,756	186,057	52,836	440,114	2,396,492

[1/] Includes classrooms.

Table 10
ASSIGNABLE SQUARE FEET OF RESEARCH SPACE
BY SUBJECT FIELD AS OF THE 1968 FALL TERM

Institution	General or Unclassified	Biological Sciences	Agricultural Sciences	Health Sciences	Other Life Sciences	Math, Computer & Engr. Sciences	Physical Sciences	Behavioral Sciences	Humanities	Professions	Technical/ Vocational	Phys. Educ. and Military Sci.	Total Assignable
PUBLIC													
Arkansas A M & N	---	---	---	---	---	---	---	---	---	---	---	---	---
Arkansas A & M	---	---	934	---	---	---	---	---	---	---	---	---	934
Arkansas Polytechnic	---	---	---	---	---	---	---	200	---	---	---	---	200
Arkansas State Univ.	1,126	4,687	---	---	---	---	2,431	526	---	---	---	---	8,770
ASU - Beebe Branch	---	---	---	---	---	---	---	---	---	---	---	---	---
Henderson State	---	---	---	---	---	---	---	---	---	---	---	---	---
Southern State	---	---	---	---	---	---	420	---	---	---	---	---	420
State College of Ark.	---	643	---	---	---	---	---	---	---	---	---	---	643
Univ. of Arkansas	1,661	56,776	26,701[1/]	---	---	29,414	21,380	5,458	---	5,195	---	---	146,585
TOTAL - Public	2,787	62,106	27,635	---	---	29,414	24,231	6,184	---	5,195	---	---	157,552
PUBLIC COMMUNITY JUNIOR COLLEGES													
Phillips County	---	---	---	---	---	---	---	---	---	---	---	---	---
Westark	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL - Public CJC	---	---	---	---	---	---	---	---	---	---	---	---	---
PRIVATE													
Arkansas College	---	---	---	---	---	---	---	---	---	---	---	---	---
College of the Ozarks	---	430	---	---	---	---	---	---	770	---	---	---	1,200
Harding College	---	815	---	---	---	---	581	520	---	---	---	4,077	5,993
Hendrix College	---	---	---	---	---	---	---	---	---	---	---	---	---
John Brown Univ.	---	---	---	---	---	---	---	---	---	---	---	---	---
Little Rock Univ.	---	---	---	---	---	102	---	---	---	---	---	---	102
Ouachita Baptist. Univ.	---	1,336	---	---	---	---	---	---	---	---	---	---	1,336
Philander Smith	---	---	---	---	---	---	---	---	---	---	---	---	---
Central Baptist	---	---	---	---	---	---	---	---	---	---	---	---	---
Crowley's Ridge	---	---	---	---	---	---	---	---	---	---	---	---	---
Southern Baptist	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL - Private	---	2,581	---	---	---	102	581	520	770	---	---	4,077	8,631
GRAND TOTAL	2,787	64,687	27,635	---	---	29,516	24,812	6,704	770	5,195	---	4,077	166,183

1/ Does not include the University farm.

Table 11

ASSIGNABLE SQUARE FEET OF PUBLIC SERVICE SPACE
BY SUBJECT FIELD AS OF THE 1968 FALL TERM

Institution	General or Unclassified	Biological Sciences	Agricultural Sciences	Health Sciences	Other Life Sciences	Math, Computer & Engr. Sciences	Physical Sciences	Behavioral Sciences	Humanities	Professions	Technical/ Vocational	Phys. Educ. and Military Sci.	Total Assignable
PUBLIC													
Arkansas A M & N	---	---	---	---	---	---	---	---	---	---	---	---	---
Arkansas A M & N	---	---	---	---	---	---	---	---	---	---	---	---	---
Arkansas Polytechnic	---	---	---	---	---	---	---	---	---	527	---	---	527
Arkansas State Univ.	9,027	---	---	---	---	---	---	131	2,747	302	---	---	12,207
ASU - Beebe Branch	---	---	---	---	---	---	---	---	---	---	---	---	---
Henderson State	---	---	---	---	---	---	---	---	---	---	---	---	---
Southern State	---	---	---	---	---	---	---	---	---	---	---	---	---
State College of Ark.	---	---	---	---	---	---	---	---	13,168	---	---	---	13,168
Univ. of Arkansas	26,656	---	607	---	---	---	---	---	---	---	---	---	27,263
TOTAL - Public	35,683	---	607	---	---	---	---	131	15,915	829	---	---	53,165
PUBLIC COMMUNITY JUNIOR COLLEGES													
Phillips County	---	---	---	---	---	---	---	---	---	---	---	---	---
Westark	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL - Public CJC	---	---	---	---	---	---	---	---	---	---	---	---	---
PRIVATE													
Arkansas College	1,675	---	---	---	---	---	---	---	---	---	---	---	1,675
College of the Ozarks	---	---	---	---	---	---	---	---	---	---	---	---	---
Harding College	5,577	---	---	---	---	---	---	---	---	---	---	---	5,577
Hendrix College	---	---	---	---	---	---	---	---	---	---	---	---	---
John Brown Univ.	---	---	---	---	---	---	---	---	9,031	---	---	---	9,031
Little Rock Univ.	---	---	---	---	---	---	---	---	---	---	---	---	---
Ouachita Baptist Univ.	---	---	---	---	---	---	---	---	---	---	---	---	---
Philander Smith	630	---	---	---	---	---	---	---	---	---	---	---	630
Central Baptist	3,650	---	---	---	---	---	---	---	---	---	---	---	3,650
Crowley's Ridge	---	---	---	---	---	---	---	---	---	---	---	---	---
Southern Baptist	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL - Private	11,532	---	---	---	---	---	---	---	9,031	---	---	---	20,563
GRAND TOTAL	47,215	---	607	---	---	---	---	131	24,946	829	---	---	73,728

Table 12
ASSIGNABLE SQUARE FEET OF ORGANIZED ACTIVITIES SPACE
BY SUBJECT FIELD AS OF THE 1968 FALL TERM

Institution	General or Unclassified	Biological Sciences	Agricultural Sciences	Health Sciences	Other Life Sciences	Math, Computer & Engr. Sciences	Physical Sciences	Behavioral Sciences	Humanities	Professions	Technical/ Vocational	Phys. Educ. and Military Sci.	Total Assignable
PUBLIC													
Arkansas A M & N	---	---	46,311	---	---	---	---	---	---	---	---	---	46,311
Arkansas A & M	---	---	23,336	---	---	---	---	---	---	---	---	---	23,336
Arkansas Polytechnic	---	---	14,445	---	---	---	---	---	---	---	---	---	14,445
Arkansas State Univ.	---	---	40,329	---	---	---	---	---	9,856	---	---	---	50,185
ASU - Beebe Branch	---	---	3,930	---	---	---	---	---	---	---	---	---	3,930
Henderson State	---	---	---	---	---	---	---	---	9,702	4,282	---	---	13,984
Southern State	---	---	55,807	---	---	---	---	---	---	---	---	---	55,807
State College of Ark.	---	---	---	---	---	---	---	---	556	4,233	---	---	4,789
Univ. of Arkansas	---	---	198,577	---	---	---	---	---	---	3,686	---	---	202,263
TOTAL - Public	---	---	382,735	---	---	---	---	---	20,114	12,201	---	---	415,050
PUBLIC COMMUNITY JUNIOR COLLEGES													
Phillips County	---	---	---	---	---	---	---	---	---	---	---	---	---
Westark	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL - Public CJC	---	---	---	---	---	---	---	---	---	---	---	---	---
PRIVATE													
Arkansas College	4,389	---	---	---	---	---	---	---	2,541	---	---	---	6,930
College of the Ozarks	---	---	---	---	---	---	---	---	7,272	---	---	---	7,272
Harding College	---	---	---	---	---	---	---	---	---	5,225	---	---	5,225
Hendrix College	---	---	---	---	---	---	---	---	---	---	---	---	---
John Brown Univ.	---	---	---	---	---	---	---	---	17,241	---	---	---	17,241
Little Rock Univ.	---	---	---	---	---	---	---	---	5,980	---	---	---	5,980
Ouachita Baptist Univ.	---	---	---	---	---	---	---	---	8,144	2,731	---	---	10,875
Philander Smith	5,974	---	---	---	---	---	---	---	847	1,599	---	---	8,420
Central Baptist	---	---	---	---	---	---	---	---	---	---	---	---	---
Crowley's Ridge	---	---	---	---	---	---	---	---	---	---	---	---	---
Southern Baptist	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL - Private	10,363	---	---	---	---	---	---	---	42,025	9,555	---	---	61,943
GRAND TOTAL	10,363	---	382,735	---	---	---	---	---	62,139	21,756	---	---	476,993

Table 13

CLASSROOM UTILIZATION
1968 FALL TERM

Institution	Average Hourly Room Use Per Week			Percent of Stations Used When Room Is Used		
	Day	Night	Total	Day	Night	Total
PUBLIC						
Arkansas A M & N	26.2	---	26.2	53.2	---	53.2
Arkansas A & M	18.0	.1	18.1	56.9	21.0	56.7
Arkansas Polytechnic	21.1	.6	21.7	60.3	45.1	59.9
Arkansas State Univ.	23.7	2.2	25.9	55.7	36.3	53.6
ASU - Beebe Branch	23.2	.6	23.8	87.0	60.7	86.4
Henderson State	26.9	.5	27.4	52.9	23.3	52.5
Southern State	26.4	.7	27.1	67.2	43.7	66.6
State College of Ark.	22.7	1.0	23.7	61.6	33.0	60.7
Univ. of Arkansas	27.8	.6	28.4	61.3	36.6	60.9
PUBLIC COMMUNITY JUNIOR COLLEGES						
Phillips County	9.1	5.2	14.3	54.0	19.5	41.5
Westark	11.7	2.8	14.5	69.6	52.1	66.2
PRIVATE						
Arkansas College	13.8	.2	14.0	55.6	57.8	55.6
College of the Ozarks	16.3	.2	16.5	62.7	29.6	62.3
Harding College	21.2	.6	21.7	65.3	47.5	65.1
Hendrix College	19.4	---	19.4	62.6	---	62.6
John Brown Univ.	11.5	---	11.5	78.8	---	78.8
Little Rock Univ.	22.0	7.0	29.0	58.2	46.4	55.4
Ouachita Baptist Univ.	16.4	.2	16.6			
Philander Smith	19.3	1.2	20.5	44.0	65.1	45.2
Central Baptist	11.7	1.1	12.8	48.3	40.2	47.6
Crowley's Ridge	13.3	---	13.3	92.0	---	92.0
Southern Baptist	12.3	.6	12.9	70.0	85.2	70.2

Table 14
UTILIZATION OF TEACHING LABORATORIES
1968 FALL TERM

Institution	Average Hourly Room Use Per Week			Percent of Stations Used When Room Is Used		
	Day	Night	Total	Day	Night	Total
PUBLIC						
Arkansas A M & N	25.2	1.6	26.8	70.5	29.3	68.1
Arkansas A & M	7.7	---	7.7	69.4	---	69.4
Arkansas Polytechnic	11.9	.1	12.0	62.9	78.9	63.1
Arkansas State Univ.	11.2	.6	11.8	74.4	68.2	74.1
ASU - Beebe Branch	10.8	---	10.8	78.7	---	78.7
Henderson State	14.3	---	14.3	67.3	---	67.3
Southern State	14.4	---	14.4	60.1	---	60.1
State College of Ark.	11.5	.4	11.9	82.8	72.5	82.5
Univ. of Arkansas	12.9	.1	13.0	76.8	72.1	76.7
PUBLIC COMMUNITY JUNIOR COLLEGES						
Phillips County	10.9	3.8	14.7	73.3	26.7	61.2
Westark	15.9	3.4	19.3	66.4	67.3	66.5
PRIVATE						
Arkansas College	8.1	.4	8.5	35.8	10.7	34.6
College of the Ozarks	10.0	.7	10.7	47.5	15.1	45.3
Harding College	14.6	1.5	16.1	46.1	31.1	44.7
Hendrix College	8.6	---	8.6	46.2	---	46.2
John Brown University	5.2	---	5.2	90.6	---	90.6
Little Rock Univ.	9.3	.4	9.7	66.2	62.6	66.1
Ouachita Baptist Univ.	7.1	---	7.1	30.1	---	30.1
Philander Smith	12.9	---	12.9	58.3	---	58.3
Central Baptist	6.0	.7	6.7	55.3	31.4	52.8
Crowley's Ridge	8.5	---	8.5	84.6	---	84.6
Southern Baptist	6.0	.8	6.8	33.5	40.4	34.3

Table 15
AUXILIARY ENTERPRISE ASSIGNABLE SQUARE FEET
AS OF THE 1968 FALL TERM

Institution	Residential Facilities			Food Facilities & Service	Lounge	Recre-ational	Merchan-dising	Student Health	Athletic	Farm	Laundry	Other Aux. Enterprise Facilities	Total Assign-able
	Dormitory	One-Family	Multiple-Family										
PUBLIC													
Arkansas A M & N	181,386	23,624	25,368	15,102	853	10,962	3,186	3,086	14,778	---	---	6,306	264,651
Arkansas A & M	149,503	57,814	42,842	16,794	892	7,517	4,806	---	2,373	---	---	484	283,025
Arkansas Polytechnic	193,709	2,142	53,102	18,932	---	15,117	4,730	1,346	8,395	---	998	3,794	302,265
Arkansas State Univ.	386,116	128,830	---	41,656	5,816	25,276	9,409	716	41,960	35,367	2,910	10,469	688,525
ASU - Beebe Branch	28,037	2,042	---	4,667	---	---	269	---	76	---	247	49	35,387
Henderson State	238,843	40,686	---	21,009	6,328	1,306	1,715	307	6,781	---	221	3,377	320,573
Southern State	184,723	44,632	19,752	15,106	4,886	---	1,853	1,452	5,929	---	---	3,087	281,420
State College of Ark.	294,895	41,012	13,584	23,418	3,133	21,905	8,162	469	12,022	---	1,709	5,566	425,875
Univ. of Arkansas	745,713	17,153	148,800	132,983	3,522	8,079	7,752	10,819	67,524	---	2,064	31,264	1,175,673
TOTAL - Public	2,382,925	357,935	303,448	289,667	25,430	90,162	41,882	18,195	159,838	35,367	8,149	64,396	3,777,394
PUBLIC COMMUNITY JUNIOR COLLEGES													
Phillips County	---	---	---	2,916	---	---	729	---	5,913	---	---	486	10,044
Westark	---	---	---	2,103	---	---	773	---	233	---	---	---	3,109
TOTAL - Public CJC	---	---	---	5,019	---	---	1,502	---	6,146	---	---	486	13,153
PRIVATE													
Arkansas College	47,936	---	---	6,397	1,488	4,973	668	587	15,542	---	---	63	77,654
College of the Ozarks	50,000	---	---	6,905	2,822	3,016	1,313	1,537	1,202	---	---	402	67,197
Harding College	221,592	42,081	39,297	29,477	3,956	94	11,220	1,153	12,532	33,943	6,550	5,577	407,472
Hendrix College	95,052	4,198	---	13,352	8,032	---	3,760	2,835	13,276	---	---	3,740	144,245
John Brown Univ.	78,485	---	22,092	11,857	---	1,100	1,533	168	7,815	---	568	6,410	130,028
Little Rock Univ.	---	2,698	---	9,346	---	---	1,017	229	2,686	---	---	742	16,718
Ouachita Baptist Univ.	185,390	30,786	10,406	15,820	1,432	3,447	714	2,220	10,703	2,840	---	5,162	268,920
Philander Smith	30,330	3,270	---	6,420	---	2,882	873	852	---	---	---	1,337	45,964
Central Baptist	31,115	12,628	---	4,015	657	4,185	832	---	1,084	---	---	2,791	57,307
Crowley's Ridge	23,682	632	---	4,764	---	---	---	---	---	---	---	---	29,078
Southern Baptist	62,933	35,007	78,906	8,708	1,600	3,410	314	---	2,899	---	---	2,252	196,029
TOTAL - Private	826,515	131,300	150,701	117,061	19,987	23,107	22,244	9,581	67,739	36,783	7,118	28,476	1,440,612
GRAND TOTAL	3,209,440	489,235	454,149	411,747	45,417	113,269	65,628	27,776	233,723	72,150	15,267	93,358	5,231,159

Table 16
AUXILIARY ENTERPRISE ASSIGNABLE SQUARE FEET
PER FULL-TIME EQUIVALENT STUDENT
AS OF THE 1968 FALL TERM

Institution	Residential Facilities			Food Facilities & Service	Lounge	Recreational	Merchandising	Student Health	Athletic	Farm	Laundry	Other Aux. Enterprise Facilities	Total Assignable
	Dormitory	One-Family	Multiple-Family										
PUBLIC													
Arkansas A M & N	45.5	6.7	7.1	4.3	.2	3.1	.9	.9	4.2	---	---	1.8	74.7
Arkansas A & M	79.6	30.8	22.8	8.9	.5	4.0	2.6	---	1.3	---	---	.3	150.8
Arkansas Polytechnic	77.2	.9	21.2	7.6	---	6.0	1.9	.5	3.3	---	.4	1.5	120.5
Arkansas State Univ.	66.2	22.1	---	7.2	1.0	4.3	1.6	.1	7.2	6.1	.5	1.8	118.1
ASU - Beebe Branch	43.0	3.1	---	7.2	---	---	.4	---	.1	---	.4	.1	54.3
Henderson State	74.0	12.6	---	6.5	2.0	.4	.5	.1	2.1	---	.1	1.0	99.3
Southern State	84.5	20.4	9.0	6.9	2.2	---	.9	.7	2.7	---	---	1.4	128.7
State College of Ark.	74.2	10.3	3.4	5.9	.8	5.5	2.1	.1	3.0	---	.4	1.4	107.1
Univ. of Arkansas	75.2	1.7	15.0	13.4	.4	.8	.3	1.1	6.8	---	.2	3.2	118.6
AVERAGE - Public	70.7	10.6	9.0	8.6	.8	2.7	1.2	.5	4.7	1.1	.2	1.9	112.0
PUBLIC COMMUNITY JUNIOR COLLEGES													
Phillips County	---	---	---	10.1	---	---	2.6	---	20.5	---	---	1.7	34.9
Westark	---	---	---	1.9	---	---	.7	---	.2	---	---	---	2.8
AVERAGE - Public CJC	---	---	---	3.6	---	---	1.1	---	4.3	---	---	.3	9.3
PRIVATE													
Arkansas College	146.6	---	---	19.5	4.6	15.2	2.1	1.8	47.5	---	---	.2	237.5
College of the Ozarks	91.1	---	---	12.6	5.1	5.5	2.4	2.8	2.2	---	---	.7	122.4
Harding College	111.6	21.2	19.8	14.8	2.0	.1	5.6	.6	6.3	17.1	3.3	2.8	205.2
Hendrix College	105.9	4.7	---	14.9	8.9	---	4.2	3.2	14.8	---	---	4.2	160.8
John Brown Univ.	100.8	---	28.4	15.2	---	1.4	2.0	.2	10.0	---	.7	8.2	166.9
Little Rock Univ.	---	1.3	---	4.4	---	---	.5	.1	1.2	---	---	.3	7.8
Ouachita Baptist Univ.	135.8	22.6	7.6	11.6	1.1	2.5	.5	1.6	7.8	2.1	---	3.8	197.0
Philander Smith	52.0	5.6	---	11.0	---	4.9	1.5	1.5	---	---	---	2.3	78.8
Central Baptist	184.1	74.7	---	23.8	3.9	24.8	4.9	---	6.4	---	---	16.5	339.1
Crowley's Ridge	128.7	3.4	---	25.9	---	---	---	---	---	---	---	---	158.0
Southern Baptist	96.9	53.9	121.6	13.4	2.5	5.2	.5	---	4.5	---	---	3.5	302.0
AVERAGE - Private	85.9	13.6	15.7	12.2	2.1	2.4	2.3	1.0	7.0	3.8	.7	3.0	149.7
AVERAGE - All Institutions	71.7	10.9	10.2	9.2	1.0	2.5	1.5	.6	5.2	1.6	.4	2.1	116.9

STUDENT ENROLLMENT PROJECTIONS

The projected student enrollments for the Fall terms 1975 and 1980, as shown in Table 17, were used in projecting the physical facility needs for those two years. An explanation of the method employed in projecting headcount student enrollments for all Arkansas institutions and the full-time equivalent conversion factor for the public institutions are presented in Volume One, pages 36 through 42. The relationship of headcount and full-time equivalent student enrollments for the 1968 Fall term was used to convert the previously projected headcount enrollments of the private institutions to full-time equivalent student enrollments.

A comparison of the Fall 1968 enrollment of approximately 49,000 students with the anticipated student enrollment of over 100,000 for the 1980 Fall term points to the fact that even if existing physical facilities are adequate for the present enrollment, future enrollments will require an increase in physical facilities of over 100 percent. If the additional needed facilities are constructed between now and 1980, a substantial amount of funds will be required annually since it is only twelve years until the enrollments projected for 1980 are expected to materialize.

The projected enrollments for Little Rock University were made on the assumption that this institution would retain its present status as a private institution. Since the projected student enrollments were prepared, the 1969 Arkansas General Assembly enacted legislation permitting this institution to merge with the University of Arkansas. This legislation allows the governing boards of Little Rock University and the University of Arkansas to determine the date which Little Rock University will become a State-supported institution.

Table 17

ACTUAL AND PROJECTED HEADCOUNT AND
FULL-TIME EQUIVALENT FALL TERM STUDENT ENROLLMENTS

Institution	Fall, 1968		Fall, 1970		Fall, 1975		Fall, 1980	
	Headcount	F.T.E.	Headcount	F.T.E.	Headcount	F.T.E.	Headcount	F.T.E.
PUBLIC								
Arkansas A M &N College	3,639	3,542	3,896	3,906	5,118	5,131	6,379	6,395
Arkansas A & M College	1,880	1,877	2,134	2,260	2,967	3,070	3,781	3,913
Arkansas Polytechnic College	2,530	2,508	2,955	2,995	4,011	4,065	5,106	5,175
Arkansas State University	6,232	5,831	7,745	7,313	11,536	10,892	16,046	15,151
ASU - Beebe Branch	636	652	709	709	1,065	1,066	1,470	1,471
Henderson State College	3,228	3,229	3,855	3,963	5,376	5,527	7,254	7,458
Southern State College	2,282	2,186	2,542	2,629	3,289	3,402	4,067	4,207
State College of Arkansas	4,266	3,977	4,599	4,592	6,659	6,649	9,001	8,988
University of Arkansas	10,549	9,913	11,882	11,359	15,025	14,363	18,189	17,388
TOTAL - Public	35,242	33,715	40,367	39,726	55,046	54,165	71,293	70,146
PUBLIC COMMUNITY JUNIOR COLLEGES								
Phillips County	444	288	941	611	1,760	1,142	2,732	1,773
Westark	1,545	1,124	1,810	1,318	2,229	1,623	2,834	2,063
TOTAL - Public CJC	1,989	1,412	2,751	1,929	3,989	2,765	5,566	3,836
PRIVATE								
Arkansas College	330	327	530	525	600	595	600	595
Arkansas Baptist College	305	302	400	396	600	594	800	792
College of the Ozarks	579	549	700	664	825	782	1,000	948
Harding College	1,941	1,986	2,352	2,046	3,300	3,376	4,628	4,734
Hendrix College	920	897	1,000	975	1,200	1,170	1,200	1,170
John Brown University	753	779	1,000	1,035	1,250	1,294	1,250	1,294
Little Rock University	3,246	2,136	4,396	2,893	6,296	4,143	8,200	5,396
Ouachita Baptist University	1,541	1,365	1,905	1,688	2,024	1,793	2,341	2,074
Philander Smith College	593	583	825	811	1,025	1,008	1,400	1,376
Central Baptist College	205	169	300	247	500	412	700	577
Crowley's Ridge Junior College	184	184	250	250	400	400	600	600
Shorter College	267	257	300	289	350	337	400	385
Southern Baptist College	622	649	775	808	850	887	850	887
TOTAL - Private	11,486	10,183	14,733	12,627	19,220	16,791	23,969	20,828
GRAND TOTAL	48,717	45,310	57,851	54,282	78,255	73,721	100,828	94,810

Once Little Rock University becomes a State-supported institution, new enrollment projections should be prepared which would serve as a basis for determining physical facility needs of the new merged institution.

The State-supported status of the institution, which would enable the institution to charge lower student fees and expand program offerings, would probably result in student enrollment increases above those shown in Table 17 for Little Rock University as a private college, thereby necessitating a reevaluation of expected future enrollments.

DEVELOPMENT OF SPACE AND COST FACTORS

The use of space factors in projecting the long-range physical facility needs of institutions of higher education has gained general acceptance both by institutions of higher education and by State agencies charged with this responsibility. One of the reasons for this general acceptance is due to the fact that the use of space factors defers the detailed planning to a date which is nearer the time a facility is needed.

The projection of facility needs on a project-by-project basis requires a grouping of various types of space into separate structures. When the building is to be constructed at a future date, it is probable that the combination of types of space planned to be contained in the original structure will have changed.

The limitations of the use of broad planning guides should be understood if they are to be used wisely. Since space factors are designed as a general planning guide for projecting facility needs to accommodate future student enrollments, they should be used with caution when they are applied to the planning of a specific building. They should also be tempered with a thorough knowledge of the programs and the mission of an institution if they are to be employed at the institutional level of planning for physical facilities.

The space and cost factors presented in this study are separated into two broad categories. The first category is to be used in projecting the need for educational and general (academic) physical facilities. The other category is to be used in projecting the need for auxiliary enterprise (non-academic) physical facilities.

Educational and General

The space and cost factors set out below were developed in the study completed last year, and the data supporting the selection of these factors for educational and general factors can be found in Volume One, pages 18 through 35.

General Classrooms

The space factor for general classrooms is based upon rooms being used 30 hours per week with 60 percent of the stations occupied while the room is being used. When this is combined with a 15 square feet per station requirement, it can be stated that .83 square feet of classroom space is needed for each hour a student spends in a classroom.

Teaching Laboratories

The space factor for teaching laboratories is based upon rooms being used 20 hours per week with 80 percent of the stations occupied while the room is being used and each student station averaging 50 square feet. This would require 3.13 square feet of assignable space per weekly student contact hour.

Physical Education Laboratories

The space factor used for projecting physical education laboratory needs is nine square feet per weekly student contact hour, with a minimum of at least 10,000 square feet.

Faculty Offices

The recommended standard is to provide 130 square feet of space for each full-time equivalent teaching faculty member. The estimate of the number of faculty is arrived at by applying the same student-teacher ratios which are used for

calculating faculty needs by the Commission on Coordination of Higher Educational Finance.

Other Instructional Space

Since these facilities are related to need for classrooms, teaching and physical education laboratories, and faculty offices, the standard recommended for other instructional space is 40 percent of the amount of space recommended for space related either directly or indirectly to the instructional program. This would include self-study laboratories; armory facilities; certain auditoriums; storage areas for classrooms, laboratories and offices; clerical offices; demonstration facilities used for instructional purposes (except farm facilities); etc.

Administrative Space

The recommended standard is four square feet per full-time equivalent student.

Research Space

The space factor for research space is one square foot per full-time equivalent undergraduate student, 65 square feet per full-time equivalent master student and 820 square feet per full-time doctoral student.

Library Facilities

Stack Space - It was determined that 25,000 volumes are needed for the first 600 full-time equivalent students, plus 8,000 volumes for each additional 200 full-time equivalent students, or fraction thereof. Once the total number of volumes has been determined, the space required to house these volumes was determined as follows:

Square Feet Per Volume	No. of Volumes
.10	first 150,000
.09	next 150,000
.08	next 300,000
.07	additional volumes.

Reader's Space (Study Area) - The space requirement for study stations was determined by providing 6.25 square feet per full-time equivalent student. This will provide 25 square feet of space for 25 percent of an institution's full-time equivalent student body.

Library Service Area - The space required for library service areas was determined by allowing 25 percent of the space requirements for reader and stack space.

Physical Plant Services

The recommended space requirement is 4.6 percent of all educational and general and auxiliary enterprise space needs.

Public Service

The recommended space factor for public service facilities is three percent of the total educational and general space requirements, excluding physical plant service areas.

Farm Facilities

This category includes only the farm facilities which are used for demonstration purposes in teaching agriculture. It was assumed that the existing facilities were sufficient in size to accommodate future anticipated agricultural enrollments.

Assignable to Gross Factor

The factor for converting assignable to gross square feet is 70 percent for educational and general facilities.

Cost Factor

A project cost of $29 (1968 costs) per gross square foot was applied to the projected educational and general physical facility needs to determine the estimated cost of these facilities.

Auxiliary Enterprises

The development of the space factors to be used in projecting the need for auxiliary enterprise physical facilities was accomplished after careful examination of data concerning facilities which are presently being used by the Arkansas institutions, with special attention being given to the spread in the amount of available space among the institutions.

Space factors used by other states were reviewed and influenced in varying degrees the selection of the space factors which were chosen to be used in this study. A space factor was not developed for intercollegiate athletic facilities since the need for these facilities seems to be almost totally dependent upon the institution's requirements for such a program rather than student enrollment.

Cost data on twenty-five projects were used in arriving at cost factors for auxiliary enterprise facilities. Since the cost estimates for these projects were made from 1964 through 1968, the estimated cost of each facility was updated to 1968 costs by using a current building cost index. 1/

The following cost and space factors were used in projecting the physical facility needs of the auxiliary enterprises.

1/ "Building Cost", Boeckh Division, The American Appraisal Company, 525 East Michigan Street, Milwaukee, Wisconsin.

Single Student Dormitories

This category includes the kind of facilities normally found in dormitories such as bedrooms, bathrooms, study, lounge and recreation areas, and dormitory counselor quarters, but it does not include food facilities for dormitory occupants. The space factor to be used in determining the amount of single student dormitory space will be based on the square footage required for each occupant in this type facility. The assignable area for dormitory bedrooms will be 90 square feet and a total of 130 assignable square feet for each occupant in single student dormitory facilities. The 130 square feet includes 90 square feet for dormitory bedrooms and the remaining 40 square feet will be devoted to such things as study, lounge and recreation areas, dormitory counselor quarters, etc.

Two hundred gross square feet per dormitory occupant will be required when an assignable to gross square foot factor of 65 percent is applied to the 130 assignable square feet per occupant. When a cost factor of $21.50 (1968 cost) per gross square foot is applied to the 200 square feet of space needed per occupant, this results in a total cost per occupant of $4,300.

An examination of Table 18 reveals that the space factors for single student dormitories are very close to the statewide average of existing dormitory space and are also very similar to the planning guides used in other states. These space factors will be applied to the projected number of student occupants in single student dormitories for the Fall terms 1975 and 1980 to determine the space requirements for these years.

Table 18
SINGLE STUDENT DORMITORIES AS OF THE 1968 FALL TERM

Institution	Number of Stations (Beds) Actual	Number of Stations (Beds) Design Capacity	Actual Dormitory Occupancy	Student Headcount Enrollment	% of Headcount Enrollment Living in Dormitories	Assignable Square Feet Per Station in Dorm. Bedrooms Actual	Assignable Square Feet Per Station in Dorm. Bedrooms Design Capacity	Square Feet Per (Design Capacity) Station Total Assignable	Square Feet Per (Design Capacity) Station Total Gross
PUBLIC									
Arkansas A M & N	1,702	1,151	1,641	3,639	45.1	61	90	140	200
Arkansas A & M	1,252	1,235	991	1,880	52.7	88	89	121	195
Arkansas Polytechnic	1,711	1,711	1,471	2,530	58.1	85	85	113	169
Arkansas State Univ.	3,485	3,116	2,629	6,232	42.2	83	93	124	198
ASU - Beebe Branch	246	250	233	636	36.6	84	83	112	167
Henderson State	1,743	1,745	1,513	3,228	46.9	88	88	137	181
Southern State	1,484	1,483	1,206	2,282	52.8	95	95	125	191
State College of Ark.	2,485	2,117	2,169	4,266	50.8	86	101	139	213
Univ. of Arkansas [1/]	5,138	5,184	4,645	10,549	44.0	88	87	144	229
TOTAL - Public	19,246	17,992	16,498	35,242	46.8	85	90	132	203
PUBLIC COMMUNITY JUNIOR COLLEGES									
Phillips County	---	---	---	444	----	--	--	---	---
Westark	---	---	---	1,545	----	--	--	---	---
TOTAL - Public CJC	---	---	---	1,989	----	--	--	---	---
PRIVATE									
Arkansas College	297	414	198	330	60.0	92	66	116	171
College of the Ozarks	422	422	358	579	61.8	85	85	118	182
Harding College	1,823	1,560	1,750	1,941	90.1	91	106	142	195
Hendrix College	712	707	721	920	78.4	100	100	134	207
John Brown University	593	552	586	753	77.8	86	92	142	217
Little Rock University	---	---	---	3,246	----	--	--	---	---
Ouachita Baptist Univ.	1,714	1,786	968	1,541	62.8	87	84	104	163
Philander Smith	268	222	271	593	45.6	71	86	124	195
Central Baptist	202	202	132	205	64.4	110	110	154	235
Crowley's Ridge	240	241	106	184	57.6	67	67	98	147
Southern Baptist	448	448	373	622	60.0	99	99	140	161
TOTAL - Private	6,719	6,554	5,463	10,914	50.1	89	92	126	184
GRAND TOTAL	25,965	24,546	21,961	48,145	45.6	86	91	131	198
SPACE FACTOR							90	130	200

1/ Includes 16 Fraternity and Sorority Houses.

Married Student Housing

The standard to be used for married student housing will provide 550 assignable square feet and 620 gross square feet per unit. A unit is the area assigned to one family. A cost factor of $15 per square foot, coupled with the 620 gross square feet required per unit, will result in a total cost per unit of $9,300. The variation in the amount of both assignable and gross square feet per married student housing unit located on the Arkansas campuses, as shown in Table 19, is partially a result of the kinds of married student housing available at these institutions.

As a result of campus visitations it was determined that about three types of facilities are used to accommodate married students. These are mobile homes placed on permanent foundations, single family residences and multi-family student apartments. Due to this wide variety of types of married student housing, some of which according to institutional personnel are less than desirable, more reliance was placed upon the space requirements of facilities which are being used by two or three of the Arkansas institutions. The assignable square feet per unit used by other states as a planning standard ranges from 420 to 620.

Table 19
MARRIED STUDENT HOUSING AS OF THE 1968 FALL TERM

Institution	Total Assignable Sq. Ft.	Total Gross Sq. Ft.	Number of Units	Number of Units Occupied	Student Headcount Enrollment	% Unit Occupancy is of Head-count Enrollment	Square Feet Per Unit	
							Assignable	Gross
PUBLIC								
Arkansas A M & N	15,600	15,600	24	24	3,639	.7	650	650
Arkansas A & M	46,282	47,222	83	83	1,880	4.4	557	569
Arkansas Polytechnic	53,102	70,385	114	112	2,530	4.4	466	617
Arkansas State Univ.	75,753	80,930	207	207	6,232	3.3	366	391
ASU - Beebe Branch	---	---	---	---	636	---	---	---
Henderson State	18,400	18,400	46	46	3,228	1.4	400	400
Southern State	12,682	13,776	36	28	2,282	1.2	352	383
State College of Ark.	46,913	56,340	88	88	4,266	2.1	533	640
Univ. of Arkansas	148,800	167,475	300	300	10,549	2.8	496	558
TOTAL - Public	417,532	470,128	898	888	35,242	2.5	465	524
PUBLIC COMMUNITY JUNIOR COLLEGES								
Phillips County	---	---	---	---	444	---	---	---
Westark	---	---	---	---	1,545	---	---	---
TOTAL - Public CJC	---	---	---	---	1,989	---	---	---
PRIVATE								
Arkansas College	---	---	---	--	330	---	---	---
College of the Ozarks	---	---	---	--	579	---	---	---
Harding College	32,665	47,127	62	62	1,941	3.1	527	760
Hendrix College	---	---	---	--	920	---	---	---
John Brown University	22,092	24,960	36	36	753	4.8	614	693
Little Rock University	---	---	---	--	3,246	---	---	---
Ouachita Baptist Univ.	22,461	27,194	66	66	1,541	4.3	340	412
Philander Smith	---	---	---	--	593	---	---	---
Central Baptist	12,628	20,600	20	8	205	3.9	631	1,030
Crowley's Ridge	---	---	---	--	184	---	---	---
Southern Baptist	78,906	90,060	74	55	622	8.8	1,060	1,217
TOTAL - Private	168,752	209,941	258	227	10,914	2.1	654	814
GRAND TOTAL	586,284	680,069	1,156	1,115	48,145	2.3	507	588
SPACE FACTOR							550	620

Food Facilities and Service

This category includes food storage, food preparation, food serving areas and dining areas. Two space factors were developed for projecting facility needs for this type of space since the food facility requirements for the residential campus seem to be greater than that required for the commuter campus. In the absence of information on the number of meals to be served, the space factor for food service facilities at residential campuses was related to the number of occupants of single student dormitories (see Table 20). Even though non-dormitory students, faculty members and other persons outside the institution use the college cafeteria, the single student dormitory occupants constitute the largest number of users of the food facilities.

The space factor for residential campuses would provide 20 square feet of assignable area per dormitory occupant and four assignable square feet per full-time equivalent student should be made available for the commuter campus. An assignable to gross square foot factor of 70 percent will be used and a cost factor of $35 per gross square foot. The reason for a much smaller food facilities space requirement for the commuter campus is due to the fact that with limited menus the food preparation areas are smaller and in some instances lounge and recreational areas are also used as dining areas during meal times.

Table 20
FOOD FACILITIES AND SERVICE AS OF THE 1968 FALL TERM

Institution	Assignable Square Feet in Food Facilities and Service	Occupancy in Single-Student Dormitories	Full-time Equivalent Student Enrollment	Assignable Sq. Ft. In Food Facilities Per Single-Student Dormitory Occupant	Assignable Sq. Ft. In Food Facilities Per Full-time Equivalent Student
PUBLIC					
Arkansas A M & N College	15,102	1,641	3,542	9.2	4.3
Arkansas A & M College	16,794	991	1,877	16.9	8.9
Arkansas Polytechnic College	18,932	1,471	2,508	12.9	7.6
Arkansas State University	41,656	2,629	5,831	15.8	7.2
ASU - Beebe Branch	4,667	233	652	20.0	7.2
Henderson State College	21,009	1,513	3,229	13.9	6.5
Southern State College	15,106	1,206	2,186	12.5	6.9
State College of Arkansas	23,418	2,169	3,977	10.8	5.9
University of Arkansas	132,983	4,645	9,913	28.6	13.4
TOTAL - Public	289,667	16,498	33,715	17.6	8.6
PUBLIC COMMUNITY JUNIOR COLLEGES					
Phillips County Community Jr. College	2,916	---	288	----	10.1
Westark Junior College	2,103	---	1,124	----	1.9
TOTAL - Public CJC	5,019	---	1,412	----	3.6
PRIVATE					
Arkansas College	6,397	198	327	32.3	19.5
College of the Ozarks	6,905	358	549	19.3	12.6
Harding College	29,477	1,750	1,986	16.8	14.8
Hendrix College	13,352	721	897	18.5	14.9
John Brown University	11,857	586	779	20.2	15.2
Little Rock University	9,346	---	2,136	----	4.4
Ouachita Baptist University	15,820	968	1,365	16.3	11.6
Philander Smith College	6,420	271	583	23.7	11.0
Central Baptist College	4,015	132	169	30.4	23.8
Crowley's Ridge Junior College	4,764	106	184	44.9	25.9
Southern Baptist College	8,708	373	649	23.3	13.4
TOTAL - Private	117,061	5,463	9,624	19.7 1/	12.2
GRAND TOTAL	411,747	21,961	44,751	18.1 1/	9.2
SPACE FACTOR - Residential Campus				20.0	4.0
Non-residential Campus					

1/ Does not include the non-residential colleges which are Phillips County Community Junior College, Westark Junior College and Little Rock University.

Lounge Recreational and Merchandising Facilities

This type of space is normally found in student union buildings and includes such facilities as bowling alleys, card playing rooms, hobby rooms, bookstores, barber shops and lounge areas which are used primarily for rest and relaxation. College food service facilities are included under food facilities and service, rather than in this category.

The space factor to be used for these type facilities is seven assignable square feet per full-time equivalent student. The assignable to gross square foot factor of 75 percent and a cost factor of $28 per gross square foot were used in projecting the physical facility needs for this type of space. As reflected in Table 21, the recommended space factor would provide more space per full-time equivalent student than is presently available at several of the Arkansas campuses.

The institutions which fall below the recommended seven square feet per full-time equivalent student are those which have student union buildings that were built to accommodate much smaller enrollments than they now have, and they have made small additions to the original student unions, or in some instances no additions have been made to the original structure.

Campus visits by Commission staff members and conferences with institutional personnel reveal an overcrowded condition in the student union facilities where less than seven square feet of lounge, recreational and merchandising facilities are available at an institution. The need for this type of space may vary among the institutions, especially if the institution is located in a city where off-campus merchandising facilities are available to the student body.

Table 21

LOUNGE, RECREATIONAL AND MERCHANDISING FACILITIES AS OF THE 1968 FALL TERM

Institution	Student Enrollment		Total Assignable Sq. Ft.	Assignable Square Feet Per	
	Headcount	Full-time Equivalent		Headcount Student	Full-time Equivalent Student
PUBLIC					
Arkansas A M & N College	3,637	3,542	15,001	4.1	4.2
Arkansas A & M College	1,880	1,877	13,215	7.0	7.0
Arkansas Polytechnic College	2,530	2,508	19,847	7.8	7.9
Arkansas State University	6,232	5,831	40,501	6.5	6.9
ASU - Beebe Branch	636	652	269	.4	.4
Henderson State College	3,228	3,229	9,349	2.9	2.9
Southern State College	2,282	2,186	6,739	3.0	3.1
State College of Arkansas	4,266	3,977	33,200	7.8	8.3
University of Arkansas	10,549	9,913	19,353	1.8	2.0
TOTAL - Public	35,242	33,715	157,474	4.5	4.7
PUBLIC COMMUNITY JUNIOR COLLEGES					
Phillips County Community Jr. College	444	288	729	1.6	2.5
Westark Junior College	1,545	1,124	773	.5	.7
TOTAL - Public CJC	1,989	1,412	1,502	.8	1.1
PRIVATE					
Arkansas College	330	327	7,129	21.6	21.8
College of the Ozarks	579	549	7,151	12.4	13.0
Harding College	1,941	1,986	15,270	7.9	7.7
Hendrix College	920	897	11,792	12.8	13.1
John Brown University	753	779	2,633	3.5	3.4
Little Rock University	3,246	2,136	1,017	.3	.5
Ouachita Baptist University	1,541	1,365	5,593	3.6	4.1
Philander Smith College	593	583	3,755	6.3	6.4
Central Baptist College	205	169	5,674	27.7	33.6
Crowley's Ridge Junior College	184	184	---	----	----
Southern Baptist College	622	649	5,324	8.6	8.2
TOTAL - Private	10,914	9,624	65,338	6.0	6.8
GRAND TOTAL	48,145	44,751	224,314	4.7	5.0
SPACE FACTOR					7.0

Student Health Facilities

This category includes examining rooms, bedrooms, surgical rooms, dispensaries, record rooms and other space needed to care for both in-patients and out-patients. The space factor for a residential campus is 1.5 square feet per full-time equivalent student and .4 square feet per full-time equivalent student for the commuter campus. A factor of 56 percent was used in converting assignable to gross square feet, and a cost factor of $35 (1968 costs) per gross square foot was used to determine the cost of the needed student health facilities.

If a conclusion is drawn on the basis of the amount of square feet in student health facilities for each full-time equivalent student, as shown in Table 22, it would appear that the institutional philosophy concerning an institution's responsibility for the health of its students seems to vary considerably among the colleges. Institutional personnel at the commuter campuses seem to feel that health care facilities should be provided on the basis of out-patient care only, since the students live at home and have easy access to local medical facilities.

Only about three or four of the Arkansas institutions have student health care facilities which are adequate from a quantitative and a qualitative standpoint to provide both in-patient and out-patient care for their students. Most of these facilities have been constructed in the last few years, while the student health facilities on most of the other campuses are areas in larger buildings or single-family residences which have been converted to student infirmaries. Many of these are older structures which will be removed from service as soon as the institutions can secure funds to replace them with new facilities which will contain adequate space for their existing enrollments and will provide more modern health care facilities.

Table 22
STUDENT HEALTH FACILITIES
AS OF THE 1968 FALL TERM

Institution	Full-time Equivalent Student Enrollment	Assignable Square Feet in Student Health Facilities	Assignable Square Feet Per Full-time Equivalent Student
PUBLIC			
Arkansas A M & N College	3,542	3,086	.9
Arkansas A & M College	1,877	---	---
Arkansas Polytechnic College	2,508	1,346	.5
Arkansas State University	5,831	716	.1
ASU - Beebe Branch	652	---	---
Henderson State College	3,229	307	.1
Southern State College	2,186	1,452	.7
State College of Arkansas	3,977	469	.1
University of Arkansas	9,913	10,819	1.1
TOTAL - Public	33,715	18,195	.5
PUBLIC COMMUNITY JUNIOR COLLEGES			
Phillips County	288	---	---
Westark	1,124	---	---
TOTAL - Public CJC	1,412	---	---
PRIVATE			
Arkansas College	327	587	1.8
College of the Ozarks	549	1,537	2.8
Harding College	1,986	1,153	.6
Hendrix College	897	2,835	3.2
John Brown University	779	168	.2
Little Rock University	2,136	229	.1
Ouachita Baptist University	1,365	2,220	1.6
Philander Smith College	583	852	1.5
Central Baptist College	169	---	---
Crowley's Ridge Junior College	184	---	---
Southern Baptist College	649	---	---
TOTAL - Private	9,624	9,581	1.0
GRAND TOTAL	44,751	27,776	.6

ESTIMATED PHYSICAL FACILITY NEEDS

Three basic elements were used in projecting the physical facility needs for the 1975 and 1980 Fall terms. These elements are projected student enrollments, space and cost factors and an inventory of existing physical facilities. These elements were used in projecting both the educational and general and the auxiliary enterprise physical facility needs.

The method employed, common to the projection of both of these categories of space, is that of determining the total amount of facilities needed and deducting therefrom existing facilities which are expected to continue to be used in future years. This results in the amount of additional space which will be required to accommodate the anticipated student enrollments of future years.

After the additional assignable square footage needs had been determined, they were converted to gross square footage needs by the application of an assignable to gross conversion factor. An estimate of the cost of these facilities was made by using cost factors which are expressed in 1968 dollars.

With the exception of the educational and general facilities for the State-supported institutions and agencies of higher education (see Volume One, pages 65 through 68 for the procedure used for these institutions), the additional physical facilities needed were determined by reducing the total space needs by that portion of the facilities being used in the 1968 Fall term, which will be available for use in future years, and adding to this amount facilities which are presently under construction.

The facility needs are presented by two major types of space: educational and general (academic) and auxiliary enterprises (non-academic).

Educational and General Facilities

The space and cost factors used in establishing the amount of educational and general space needed for the Arkansas institutions, as well as the number of students expected to enroll in these institutions, are presented in this report. However, a more detailed explanation of the method used can be found in Volume One, beginning on page 65.

The additional assignable square feet needed for the various functional units of each institution, except the off-campus agencies of the University of Arkansas, is presented in Tables 23 and 24 for the 1975 and 1980 Fall terms. The 3,675,158 assignable area needed, as shown in Table 24, for the 1980 Fall term is in addition to facilities being used in the 1968 Fall term, which the institutions plan to continue to use, and all other projects which the institutions reported as being under construction. The additional amount of gross area needed for all institutions, including the off-campus agencies of the University of Arkansas, can be found in Table 1.

The estimated capital expenditures required for educational and general facilities for the Fall terms 1975 and 1980 include the cost of new construction, renovation cost required to continue to use existing facilities and the cost of air-conditioning some of the existing facilities to make them more acceptable for year-round utilization.

Table 23

EDUCATIONAL AND GENERAL CUMULATIVE ADDITIONAL ASSIGNABLE SQUARE FEET OF PHYSICAL FACILITY NEEDS BY THE 1975 FALL TERM

Institution	Instruction						Research	Public Service	Library	Farm Facilities	Administration & General	Physical Plant Service	Total Assignable
	Classrooms	Teaching Labs	P.E. Labs	Faculty Offices	Other Instr. Space	Total Instr.							
PUBLIC													
Arkansas A M & N	3,831	18,506	20,787	12,516	24,317	79,957	4,557	12,600	26,723	---	11,345	51,913	187,095
Arkansas A & M	---	---	1,614	7,173	27,953	36,740	2,136	6,850	15,544	---	4,265	17,482	83,017
Arkansas Polytechnic	16,573	16,010	10,008	11,433	24,889	78,913	4,065	8,212	30,040	---	6,831	18,822	146,883
Arkansas State Univ.	45,371	13,713	37,251	37,340	50,608	184,282	16,927	7,022	102,822	---	28,466	47,499	387,018
ASU - Beebe Branch	673	956	12,783	3,299	14,527	32,238	---	2,603	12,950	---	3,149	8,869	59,809
Henderson State	16,783	9,541	15,924	18,849	33,739	94,836	9,047	10,146	41,026	---	14,210	40,218	209,483
Southern State	2,493	707	16,511	6,055	26,036	51,802	3,402	8,641	35,397	---	8,527	35,420	143,189
State College of Ark.	21,449	12,170	23,527	25,643	28,337	111,226	20,186	---	46,706	---	13,953	46,905	238,976
Univ. of Arkansas	23,142	---	33,515	---	44,187	100,844	87,209	15,436	---	---	---	104,510	307,999
TOTAL - Public	130,315	71,602	172,020	122,308	274,593	770,838	147,529	71,510	311,208	---	90,746	371,638	1,763,469
PUBLIC COMMUNITY JUNIOR COLLEGES													
Phillips County	---	10,769	5,680	4,240	15,503	36,192	---	2,884	6,388	---	639	11,883	57,986
Westark	---	---	6,162	5,136	16,156	27,454	---	3,435	14,964	---	1,147	12,443	59,443
TOTAL - Public CJC	---	10,769	11,842	9,376	31,659	63,646	---	6,319	21,352	---	1,786	24,326	117,429
PRIVATE													
Arkansas College	---	---	---	1,066	---	1,066	595	---	---	---	2,380	5,497	9,538
College of the Ozarks	---	---	1,684	954	---	2,638	---	1,686	---	---	---	---	4,324
Harding College	7,328	---	31,484	3,641	13,013	55,466	---	2,047	24,505	---	1,437	4,904	88,359
Hendrix College	---	---	---	---	---	---	1,170	2,193	---	---	897	2,529	6,789
John Brown Univ.	---	---	---	2,897	---	2,897	1,294	---	6,416	---	---	6,745	17,352
Little Rock Univ.	7,559	---	2,045	17,893	19,188	46,685	4,041	6,400	36,838	---	---	18,303	112,267
Ouachita Baptist Univ.	---	---	---	---	---	---	1,161	3,230	3,725	---	1,296	10,388	19,800
Philander Smith	1,665	5,909	10,000	4,031	7,451	29,056	1,008	2,245	3,852	---	---	6,148	42,309
Central Baptist	---	---	---	---	6,491	6,491	---	---	---	---	---	3,057	9,548
Crowley's Ridge	---	3,111	10,000	2,110	7,726	22,947	---	1,138	1,284	---	---	---	25,369
Southern Baptist	---	3,933	2,320	2,571	9,935	18,759	---	1,608	3,965	---	---	---	21,332
TOTAL - Private	16,552	12,953	57,533	35,163	63,804	186,005	9,269	20,547	80,585	---	6,010	57,571	359,987
GRAND TOTAL	146,867	95,324	241,395	166,847	370,056	1,020,489	156,798	98,376	413,145	---	98,542	453,535	2,240,885

Table 24

EDUCATIONAL AND GENERAL CUMULATIVE ADDITIONAL ASSIGNABLE SQUARE FEET OF PHYSICAL FACILITY NEEDS BY THE 1980 FALL TERM

Institution	Instruction						Research	Public Service	Library	Farm Facilities	Administration & General	Physical Plant Service	Total Assignable
	Classrooms	Teaching Labs	P.E. Labs	Faculty Offices	Other Instr. Space	Total Instr.							
PUBLIC													
Arkansas A M & N	18,812	37,587	28,842	20,316	45,816	151,373	5,821	15,344	41,998	---	16,401	63,220	294,157
Arkansas A & M	5,959	13,595	7,230	12,243	39,861	78,888	2,979	8,541	25,993	---	7,637	24,446	148,484
Arkansas Polytechnic	29,020	28,589	14,904	17,933	39,458	129,904	5,175	10,303	43,211	---	11,271	27,439	227,303
Arkansas State Univ.	89,842	40,905	37,251	63,340	95,499	326,837	26,562	14,034	152,782	---	45,502	76,390	642,107
ASU - Beebe Branch	4,219	4,505	20,370	5,509	21,392	55,995	---	3,527	18,114	---	4,769	12,678	95,083
Henderson State	39,126	22,840	28,092	30,029	57,335	177,422	12,194	13,670	65,050	---	21,934	54,738	345,008
Southern State	10,799	7,512	25,853	10,865	37,742	92,771	4,207	10,290	45,348	---	11,747	42,211	206,574
State College of Ark.	45,911	31,423	35,624	40,333	56,498	209,789	27,837	3,572	74,117	---	23,309	64,578	403,202
Univ. of Arkansas	58,569	15,422	46,304	10,515	82,450	213,260	130,602	22,151	22,253	---	7,717	132,176	528,159
TOTAL - Public	302,257	202,378	244,470	211,083	476,051	1,436,239	215,377	101,432	488,866	---	150,287	497,876	2,890,077
PUBLIC COMMUNITY JUNIOR COLLEGES													
Phillips County	2,036	25,680	12,889	7,880	27,546	76,031	---	4,462	14,318	---	3,163	18,385	116,359
Westark	---	---	11,031	7,736	22,830	41,597	---	4,352	20,402	---	2,907	12,443	81,701
TOTAL - Public CJC	2,036	25,680	23,920	15,616	50,376	117,628	---	8,814	34,720	---	6,070	30,828	198,060
PRIVATE													
Arkansas College	---	---	---	1,066	---	1,066	595	---	---	---	2,380	5,497	9,538
College of the Ozarks	---	---	1,684	1,994	---	3,678	---	1,959	---	---	---	---	5,637
Harding College	24,371	---	51,653	12,221	35,223	123,468	---	5,112	42,115	---	6,869	17,567	195,131
Hendrix College	---	---	---	---	---	---	1,170	2,193	---	---	897	2,529	6,789
John Brown Univ.	---	---	---	2,897	---	2,897	1,294	---	6,416	---	---	6,746	17,353
Little Rock Univ.	18,645	5,180	7,229	25,433	31,207	87,694	5,294	8,324	52,627	---	3,641	26,228	183,808
Ouachita Baptist Univ.	---	1,101	---	---	---	1,101	1,506	3,750	7,921	---	2,420	12,533	29,231
Philander Smith	4,470	11,727	10,000	6,241	11,784	44,222	1,376	2,871	7,727	---	458	8,729	65,383
Central Baptist	---	726	---	348	7,922	8,996	---	---	176	---	---	3,917	13,089
Crowley's Ridge	2,667	5,458	10,000	3,150	9,999	31,274	---	1,448	4,008	---	---	---	36,730
Southern Baptist	---	3,933	2,320	2,571	9,935	18,759	---	1,608	3,965	---	---	---	24,332
TOTAL - Private	50,153	28,125	82,886	55,921	106,070	323,155	11,235	27,265	124,955	---	16,665	83,746	587,021
GRAND TOTAL	354,446	256,183	351,276	282,620	632,497	1,877,022	226,612	137,511	648,541	---	173,022	612,450	3,675,158

The costs presented below include all project costs, except land purchases. The cost of the additional needed physical facilities for the 1975 and 1980 Fall terms expressed in 1968 costs are as follows:

	1975	1980
New Construction	$121,776,069	$202,059,932
Renovation	6,904,873	6,904,873
Air-Conditioning	5,302,974	5,302,974
Total Cost	$133,983,916	$214,267,779

It is estimated that under existing federal legislation these projects would be eligible to receive approximately $72,000,000 in federal grants for the 1975 needs and if federal funds are available, approximately $114,000,000 for the 1980 needs.

Auxiliary Enterprises

The auxiliary enterprise facility needs are limited to five types of space: single student dormitories; married student housing; food facilities and services; lounge, recreational and merchandising facilities; and student health facilities. The procedure used in estimating the space requirements for each of these activities is presented below:

Single Student Dormitories - The number of stations or beds required in single student dormitories for the 1975 and 1980 Fall terms was determined by applying the percentage that the single student dormitory occupancy is of the total headcount enrollment at an institution during the 1968 Fall term to the projected headcount enrollment for each institution. These percentages are reported in Table 18.

Existing stations, which are expected to continue to be used, were deducted from the total number of student stations needed to arrive at additional stations required. Each additional student station needed was allowed 130 assignable square feet in arriving at the total assignable square feet needed in single student dormitories. The assignable square footage needs were converted to gross square feet requirements by applying an assignable to gross conversion factor of 65 percent, and cost estimates were determined by using a cost factor of $21.50 per gross square foot.

The additional space requirements and estimated cost for all institutions are as follows:

	1975	1980
Assignable Square Feet	1,336,530	2,543,060
Gross Square Feet	2,056,200	3,912,400
New Construction Costs	$44,208,300	$84,116,600

Married Student Housing - The space requirements for this type of facility were determined in a manner similar to that used in single student dormitories. The number of units needed in married student housing was determined by applying the percentage that the unit occupancy is of headcount enrollment to the projected headcount enrollments. These percentages are presented for each institution in Table 19.

An allowance of 550 assignable square feet and 620 gross square feet was provided for each additional unit of married student housing needed for the 1975 and 1980 Fall terms. A cost factor of $15 per gross square foot was used in estimating the cost of additional married student housing facilities needed.

The additional space needs and the estimated cost of these facilities are as follows:

	1975	1980
Assignable Square Feet	363,550	626,450
Gross Square Feet	409,820	706,180
New Construction Costs	$ 6,147,300	$10,592,700

Food Facilities and Service - The total assignable square feet needed for food facilities and service was determined by allowing 20 square feet per single student dormitory occupant for the residential campus and four square feet per full-time equivalent student for the commuter campus. The projected number of single student dormitory occupants used in determining the need for single student dormitory facilities is the same as that used for food service facilities. After deducting existing food service facilities from the total space requirements, the additional gross square footage requirement was determined by using an assignable to gross conversion factor of 70 percent, and cost estimates were made by using a cost factor of $35 per gross square foot.

The additional space requirements and the estimated cost of these facilities are as follows:

	1975	1980
Assignable Square Feet	260,620	459,514
Gross Square Feet	372,314	656,448
New Construction Costs	$13,030,990	$22,975,680

Lounge, Recreational and Merchandising Facilities - The assignable square feet needs for these type facilities were determined by allowing seven square feet for each full-time equivalent student (as shown in Table 17). The assignable square feet were converted to gross square feet by using a conversion factor of 75 percent, and cost estimates were based on $28 per gross square foot.

The additional space requirements and estimated costs are as follows:

	1975	1980
• Assignable Square Feet	299,499	443,083
Gross Square Feet	399,675	590,777
New Construction Costs	$11,190,900	$16,541,756

Student Health Facilities - The space factor for determining the assignable square feet of student health facilities needed is 1.5 square feet for the residential campus and .4 square feet for the commuter campus for each full-time equivalent student. This space factor was applied to the projected full-time equivalent student enrollments for the 1975 and 1980 Fall terms shown in Table 17.

A factor of 56 percent was used in converting the assignable to gross square feet, and a cost factor of $35 per gross square foot was used in estimating the cost of the additional student health facilities needed.

The additional space requirements and estimated costs are as follows:

	1975	1980
Assignable Square Feet	77,133	105,592
Gross Square Feet	137,737	188,557
New Construction Costs	$ 4,820,795	$ 6,599,495

The amount of additional assignable square feet needed for each of the five categories of auxiliary enterprise facilities for the years 1975 and 1980 is presented in Tables 25 and 26. The total gross square feet of additional auxiliary enterprise facilities is 3,375,746 for 1975 and 6,054,362 for 1980. The estimated cost of these additional facilities plus the cost of needed renovation is approximately $81,000,000 for 1975 and $142,000,000 for 1980. Summaries of space requirements and capital expenditures required for auxiliary enterprise facilities are presented in Tables 3 and 4.

Table 25

AUXILIARY ENTERPRISES CUMULATIVE ADDITIONAL ASSIGNABLE SQUARE FEET OF PHYSICAL FACILITY NEEDS BY THE 1975 FALL TERM

Institution	Single Student Dormitories	Married Student Housing	Food Facilities & Service	Lounge, Recreational & Merchandising	Student Health Facilities	Total Assignable
PUBLIC						
Arkansas A M & N College	150,410	6,600	31,058	20,916	4,611	213,595
Arkansas A & M College	42,770	26,400	14,486	8,275	4,605	96,536
Arkansas Polytechnic College	67,210	34,100	27,668	8,608	4,752	142,338
Arkansas State University	203,450	95,700	22,112	36,886	16,338	374,486
ASU - Beebe Branch	30,420	---	3,133	7,193	1,599	42,345
Henderson State College	100,880	15,950	29,411	29,340	8,291	183,872
Southern State College	54,990	1,650	19,880	17,295	3,651	97,466
State College of Arkansas	139,620	28,600	30,284	12,860	9,505	220,869
University of Arkansas	199,290	66,550	4,178	83,593	10,726	364,337
TOTAL - Public	989,040	275,550	182,210	224,966	64,078	1,735,844
PUBLIC COMMUNITY JUNIOR COLLEGES						
Phillips County Community Jr. College	---	---	1,652	7,265	457	9,374
Westark Junior College	---	---	5,473	10,784	649	16,906
TOTAL - Public CJC	---	---	7,125	18,049	1,106	26,280
PRIVATE						
Arkansas College	---	---	803	---	306	1,109
College of the Ozarks	11,440	---	3,295	---	---	14,735
Harding College	191,490	22,000	29,985	8,362	3,911	255,748
Hendrix College	30,420	---	5,468	---	---	35,888
John Brown University	64,090	13,200	7,583	6,425	1,773	93,071
Little Rock University	---	---	7,226	27,984	1,428	36,638
Ouachita Baptist University	---	11,550	9,600	6,958	470	28,578
Philander Smith College	25,480	---	2,920	3,301	1,512	33,213
Central Baptist College	15,600	---	2,425	---	618	18,643
Crowley's Ridge Junior College	910	---	488	2,569	600	4,567
Southern Baptist College	8,060	41,250	1,492	885	1,331	53,018
TOTAL - Private	347,490	88,000	71,285	56,484	11,949	575,208
GRAND TOTAL	1,336,530	363,550	260,620	299,499	77,133	2,337,332

Table 26

AUXILIARY ENTERPRISES CUMULATIVE ADDITIONAL ASSIGNABLE SQUARE FEET OF PHYSICAL FACILITY NEEDS BY THE 1980 FALL TERM

Institution	Single Student Dormitories	Married Student Housing	Food Facilities & Service	Lounge, Recreational & Merchandising	Student Health Facilities	Total Assignable
PUBLIC						
Arkansas A M & N College	224,380	11,550	42,438	29,764	6,507	314,639
Arkansas A & M College	98,540	45,650	23,066	14,176	5,870	187,302
Arkansas Polytechnic College	150,020	61,050	40,408	16,378	6,417	274,273
Arkansas State University	450,840	177,650	60,172	66,699	22,727	778,088
ASU - Beebe Branch	49,660	---	6,093	10,028	2,207	67,988
Henderson State College	215,410	30,800	47,031	42,857	11,187	347,285
Southern State College	108,420	7,150	28,100	22,930	4,859	171,459
State College of Arkansas	294,320	55,550	54,084	29,233	13,013	446,200
University of Arkansas	380,250	114,950	32,018	104,768	15,263	647,249
TOTAL - Public	1,971,840	504,350	333,410	336,833	88,050	3,234,483
PUBLIC COMMUNITY JUNIOR COLLEGES						
Phillips County Community Jr. College	---	---	4,176	11,682	709	16,567
Westark Junior College	---	---	7,233	13,864	825	21,922
TOTAL - Public CJC	---	---	11,409	25,546	1,534	38,489
PRIVATE						
Arkansas College	---	---	803	---	306	1,109
College of the Ozarks	25,480	---	5,455	---	---	30,935
Harding College	347,100	44,550	53,923	17,868	5,948	469,389
Hendrix College	30,420	---	5,468	---	---	35,888
John Brown University	64,090	13,200	7,583	6,425	1,773	93,071
Little Rock University	---	---	12,238	36,755	1,929	50,922
Ouachita Baptist University	---	19,250	13,580	8,925	891	42,646
Philander Smith College	47,710	---	6,340	5,877	2,064	61,991
Central Baptist College	32,370	3,850	5,005	---	866	42,091
Crowley's Ridge Junior College	15,990	---	2,808	3,969	900	23,667
Southern Baptist College	8,060	41,250	1,492	885	1,331	53,018
TOTAL - Private	571,220	122,100	114,695	80,704	16,008	904,727
GRAND TOTAL	2,543,060	626,450	459,514	443,083	105,592	4,177,699

APPENDIX A

INSTITUTIONAL REPRESENTATIVES
(Responsible for Gathering Data at Their Campus)

Arkansas Public Institutions

Arkansas A M & N College
J. A. Ramos

Arkansas A & M College
Jacob C. Hogue

Arkansas Polytechnic College
Travis Adams

Arkansas State University
Dr. Melvin Freed

ASU - Beebe Branch
Walter D. England

Henderson State College
Guy Hayes

Southern State College
B. R. Machen

State College of Arkansas
Dr. A. E. Burdick

University of Arkansas
J. D. McFarland

University of Arkansas
Medical Center
Charles Phillips

Public Community Junior Colleges

Phillips County Community
Junior College
Calvin Hastings

Westark Junior College
Jim Bolin

Private Institutions

Arkansas College
Thomas H. Dees

College of the Ozarks
J. T. Patterson

Harding College
Dr. Joe Pryor

Hendrix College
Phil Bumpers

John Brown University
Boyce McQuay

Little Rock University
C. M. Harper

Ouachita Baptist University
Dr. Henry Lindsey

Southern Baptist College
Dr. D. Jack Nicholas

Central Baptist College
Norman C. Crass

Crowley's Ridge Junior College
Dr. Lavon L. Shoptaw

Philander Smith College
J. D. Scott

APPENDIX B

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